



Harman Kardon Onyx Studio 2 Circuit Board Replacement

This guide will show how to replace the entire circuit board of the Harman Kardon Onyx Studio 2 speaker.

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INTRODUCTION

If you have looked at the troubleshooting page and identified that your issues with your Onyx Studio 2 are indeed due to the circuit board being bad, this guide will walk you through how to replace it.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T10 Torx Screwdriver](#) (1)
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Step 1 — Front Panel



- Using a plastic opening tool, pry off the front grill by wedging it in the notch on the front of the device.

Step 2



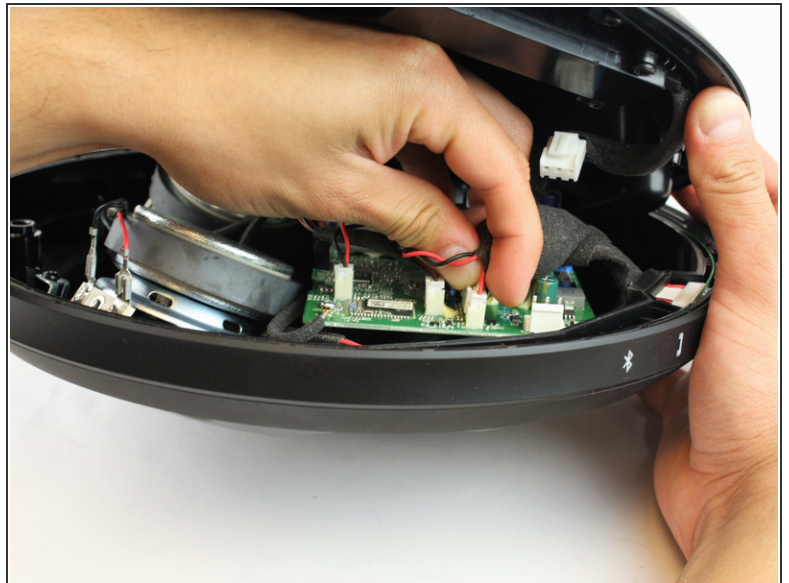
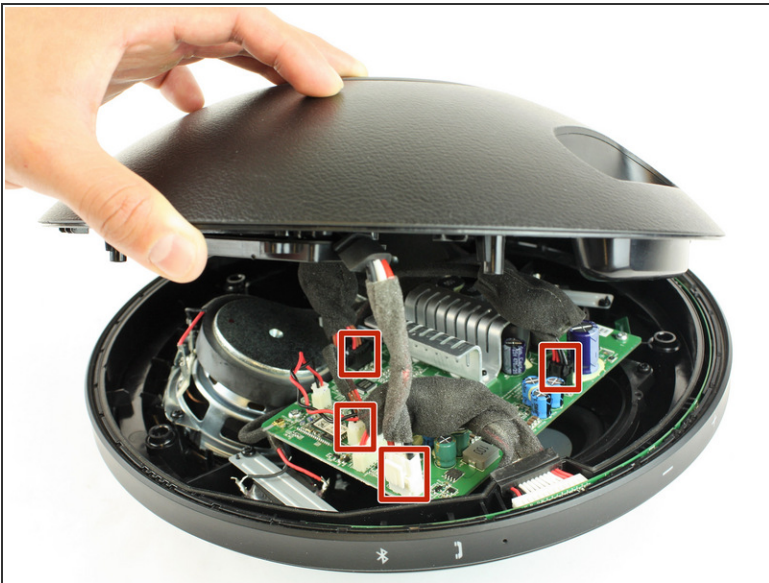
- Remove the five 14.4 mm T10 Torx screws.

Step 3



- Gently pull the front apart from the back.

Step 4



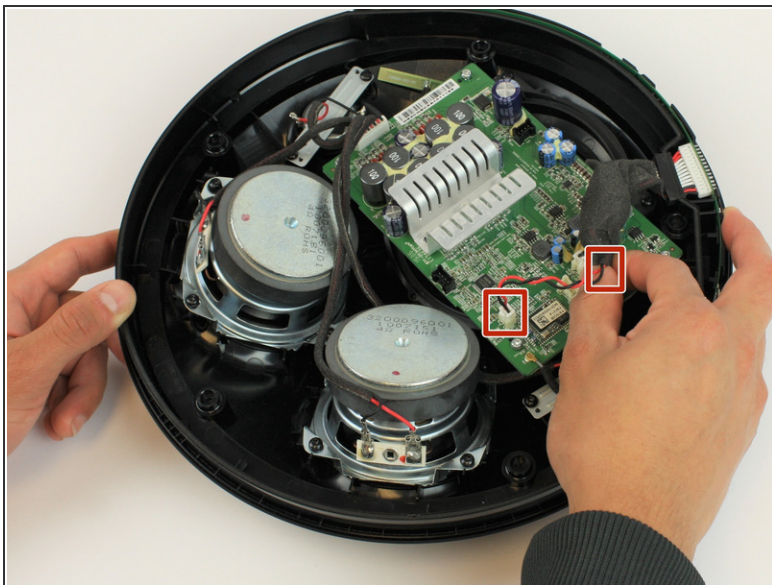
- Remove the four wires connecting the front and back panels.
- Pinch the connector tab and pull gently upwards.
- Repeat for the other three connectors.

Step 5 — Control Board



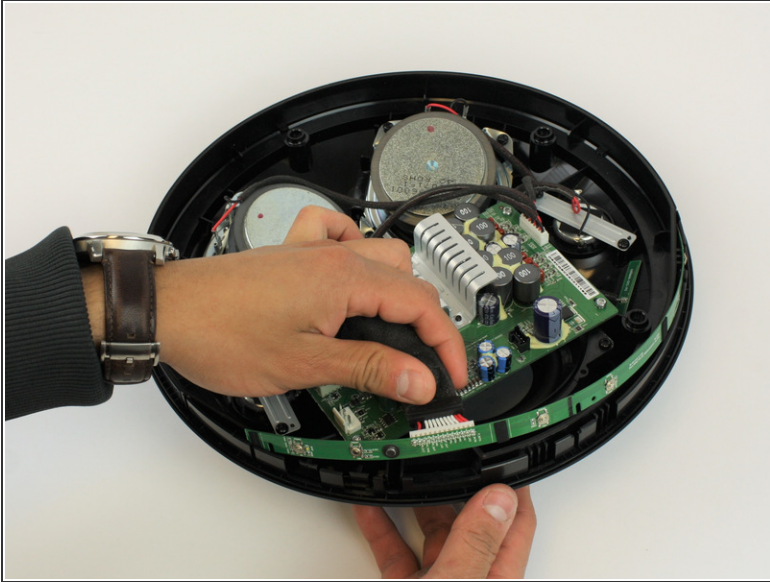
- Pull the silicone button band off of the outer edge of the speaker.

Step 6




- Disconnect the two pressure connections from the circuit board.

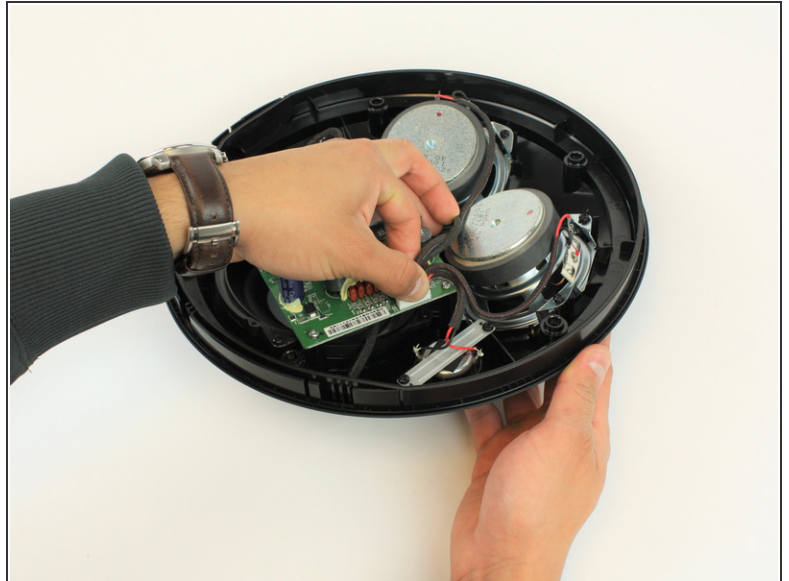
Step 7



- Gently remove the control board band by placing fingers in contact with it through the button openings.

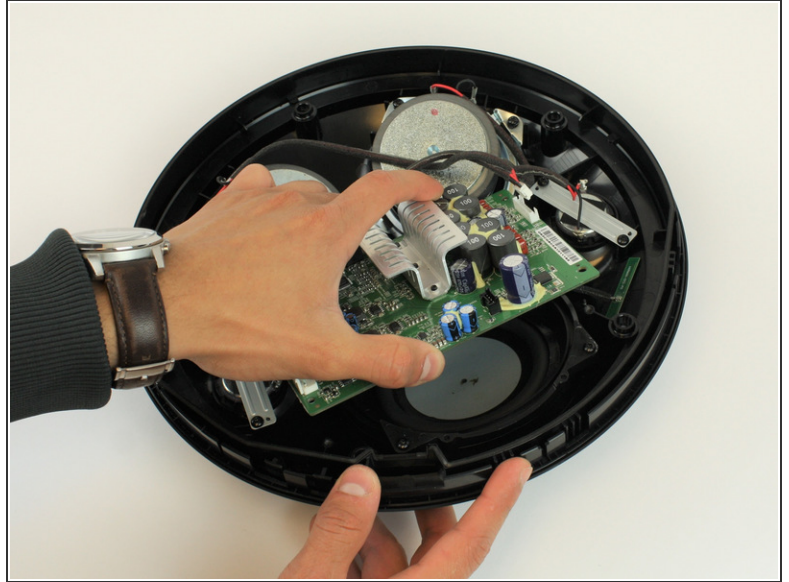
 Work from the outer edges in so as not to bend the band.

Step 8 — Circuit Board



- Disconnect the remaining connectors from the circuit board.
- Disconnect the Bluetooth antenna.

Step 9



- Remove the four 10 mm T10 Torx screws.
- Pull the circuit board out of the device as it is now free.

To reassemble your device, follow these instructions in reverse order.

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